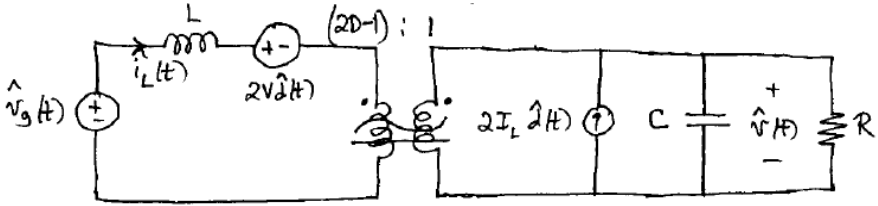


Fig. 1 shows the linearized, small-signal, averaged model of the current-fed bridge converter derived in problem 7.4 in last week's homework. Solve for the line-to-output and control-to-output transfer functions of this converter.



**Figure 1:** Current-fed bridge small-signal model